

WA2200系列Fat AP分时段限制无线客户端通信的典型配置

适用WA2200版本： Comware Software, Version 5.20, Release 1107P01

一、组网需求

WA2200系列Fat AP、交换机、便携机（安装有11b/g无线网卡）

二、组网图



本例中使用的SSID名称为H3C，无线客户端在每天的9:00-18:00不能通过无线网络进行通信，其他时间不受限制。

三、配置步骤

配置时间段

```
<Router> system-view
[H3C] time-range a 09:00 to 18:00 daily
```

配置ACL

```
[H3C] acl number 3000
[H3C-acl-adv-3000] rule 0 permit ip time-range a
[H3C-acl-adv-3000] quit
```

配置QoS策略

```
[H3C] traffic classifier 1
[H3C-classifier-1] if-match acl 3000
[H3C-classifier-1] quit
[H3C] traffic behavior 1
[H3C-behavior-1] filter deny
[H3C-behavior-1] quit
[H3C] qos policy 1
[H3C-qospolicy-1] classifier 1 behavior 1
```

配置无线服务模板

```
[H3C] wlan service-template 1 clear
[H3C-wlan-st-1] ssid H3C
[H3C-wlan-st-1] authentication-method open-system
[H3C-wlan-st-1] service-template enable
```

在无线接口下应用QoS策略

```
[H3C] interface WLAN-BSS 1
[H3C-WLAN-BSS1] qos apply policy 1 inbound
```

设置系统时间为当前时间

```
<H3C> clock datetime 15:29:00 10/27/2008
```

配置信息

```
#
version 5.20, Release 1107P01
#
sysname H3C
#
domain default enable system
#
telnet server enable
#
time-range a 09:00 to 18:00 daily
#
acl number 3000
rule 0 permit ip time-range a
#
vlan 1
#
domain system
```

```
access-limit disable
state active
idle-cut disable
self-service-url disable
#
traffic classifier 1 operator and
if-match acl 3000
#
traffic behavior 1
filter deny
#
qos policy 1
classifier 1 behavior 1
#
local-user admin
password simple h3capadmin
service-type telnet
level 3
#
wlan rrm
11a mandatory-rate 6 12 24
11a supported-rate 9 18 36 48 54
11b mandatory-rate 1 2
11b supported-rate 5.5 11
11g mandatory-rate 1 2 5.5 11
11g supported-rate 6 9 12 18 24 36 48 54
#
wlan service-template 1 clear
ssid H3C
authentication-method open-system
service-template enable
#
interface NULL0
#
interface Vlan-interface1
ip address 192.168.0.50 255.255.255.0
#
interface Ethernet1/0/1
#
interface WLAN-BSS1
qos apply policy 1 inbound
#
interface WLAN-Radio1/0/1
#
interface WLAN-Radio1/0/2
channel 1
service-template 1 interface wlan-bss 1
#
user-interface con 0
user-interface vty 0 4
authentication-mode scheme
#
return
```

四、验证结果

无线客户端在每天的9:00-18:00时段内无法通过无线网络通信，其他时间可以正常访问无线网络

五、FAQ

此功能的应用依靠设备的时钟，故需要将设备时钟时间设置为当前时间。

```
<H3C> clock datetime 15:29:00 10/27/2008
```

设备重启后时钟将被重置，

```
<H3C> display clock
```

```
12:05:34 UTC Wed 04/26/2000
```

需要重新设置时钟时间为当前时间。

另：可以考虑通过外置的NTP Server同步AP的时钟，以解决上述问题。

